

**HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10286****Specification**

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - Product Information

Application	IHC
Primary Accession	P25021
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 3274**Other Names**

Histamine H2 receptor, H2R, HH2R, Gastric receptor I, HRH2

Target/Specificity

Human HRH2 / Histamine H2 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - Protein Information**Name** HRH2**Function**

The H2 subclass of histamine receptors mediates gastric acid secretion. Also appears to regulate gastrointestinal motility and intestinal secretion. Possible role in regulating cell growth and differentiation. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and, through a separate G protein-dependent mechanism, the phosphoinositide/protein kinase (PKC) signaling pathway (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Volume

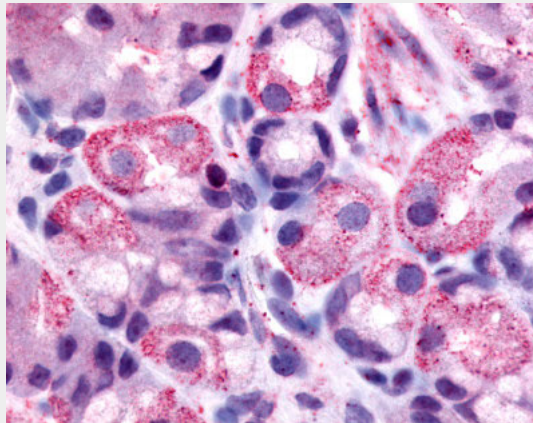
50 µl

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - Images



Anti-HRH2 / Histamine H2 Receptor antibody ALS10286 IHC of human stomach, parietal cells.

HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - Background

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HRH2 / Histamine H2 Receptor Antibody (Cytoplasmic Domain) - References

- Gantz I., et al. *Biochem. Biophys. Res. Commun.* 178:1386-1392(1991).
Nishi T., et al. *Biochem. Biophys. Res. Commun.* 210:616-623(1995).
Murakami H., et al. *FEBS Lett.* 451:327-331(1999).
Kitano T., et al. *Mol. Biol. Evol.* 21:936-944(2004).
Puhl H.L. III, et al. Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases.